

ABSTRACT

The present invention relates to a method for preparing a composite silica membrane with thermal stability by a soaking-rolling method, and more particularly to a method for preparing a composite silica membrane with improved thermal stability by rolling the surface of a porous support with silica xerogel, soaking-rolling the surface with γ -alumina, coating, drying, and sintering the porous support surface, thereby forming a fine coating membrane on the porous support surface.